

# 蘇德徵

## 著作目錄

### 期刊論文

1. Xin Fu Tan, Sergey A. Belyakov, Te-Cheng Su, Qinfen Gu, Shiqian Liu, Stuart D. McDonald, Christopher M. Gourlay, Hideyuki Yasuda, Syo Matsumura, Kazuhiro Nogita (2021, Jun). Rapid fabrication of tin-copper anodes for lithium-ion battery applications. *Journal of Alloys and Compounds*, 867, 159031. (SCI, 199/1581, SCImago ranking on Materials Science).
2. Fatin N. Altuhafi, Catherine O'Sullivan, Peter Sammonds, Te-Cheng Su, Christopher M. Gourlay (2021, Feb). Triaxial compression on semi-solid alloys. *Metallurgical and Materials Transaction A*, 52, 2010–2023.. (SCI, 254/1581, SCImago ranking on Materials Science).
3. Te-Cheng Su, Catherine O'Sullivan, Hideyuki Yasuda, Christopher M. Gourlay (2020, Jun). Rheological transitions in semi-solid alloys: In-situ imaging and LBM-DEM simulations. *Acta Materialia*, 191, 24-42. (SCI, 40/1581, SCImago ranking on Materials Science). 本人為第一作者、通訊作者。
4. Liuqing Peng, Guang Zeng, Te-Cheng Su, Hideyuki Yasuda, Kazuhiro Nogita, Christopher M. Gourlay (2019, Apr). Al8Mn5 particle settling and interactions with oxide films in liquid AZ91 magnesium. *JOM*, 71, 2235-2244. (SCI, 297/1581, SCImago ranking on Materials Science). 本論文獲得美國金屬學會2020年最佳論文獎LMD JOM Best Paper Award.
5. Te-Cheng Su, Catherine O'Sullivan, Tomoya Nagira, Hideyuki Yasuda, Christopher M. Gourlay (2019, Jan). Semi-solid deformation of Al-Cu alloys: a quantitative comparison between real-time imaging and coupled LBM-DEM simulations. *Acta Materialia*, 163, 208-225. (SCI, 40/1581, SCImago ranking on Materials Science). 本人為第一作者、通訊作者。
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7. Shao-Pu Tsai, Te-Cheng Su, Jer-Ren Yang, Chih-Yuan Chen, Yuan-Tsung Wang, Ching-Yuan Huang (2017, Jan). Effect of Cr and Al additions on the development of interphase-precipitated carbides strengthened dual-phase Ti-

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8. 賴惠敏, 蘇德徵 (2019年09月)。清朝宮廷用錫的來源與工藝技術。 *新史學*, 30(3), 75-145。 (THCI Core)。科技部：107-2410-H-001-005-MY3。
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#### 專書論文

1. Te-Cheng Su, Hui-Min Lai. Resplendent Innovations: Fire Gilding Techniques at the Qing Court. *Making the Palace Machine Work: Mobilizing People, Objects, and Nature in the Qing Empire* (ISBN: 9789048553228). Amsterdam: Amsterdam University Press. Jul, 2021: 157-186.
2. Hui-Min Lai, Te-Cheng Su. Brass Consumption in the Qing Empire. *Living the Good Life: Consumption in the Qing and Ottoman Empires of the Eighteenth Century* (ISBN: 978-90-04-34938-4). Leiden, Netherland: Brill. Oct, 2017: 333-356.

#### 研討會論文

1. Te-Cheng Su, Meng-Chun Chen, Huai-Ren Hu, Ying-Hsuan Ko, Ling-En Yao (2022, Oct). Light Metals 2023. TMS 2023 Annual Meeting & Exhibition, San Diego. nstc 109-2222-E-002-005-MY3. 本人為第一作者、通訊作者。
2. Te-Cheng Su, Catherine O'Sullivan, Hideyuki Yasuda, Christopher M. Gourlay (2022, Jan). Understanding the Rheological Transitions in Semi-Solid Alloys by a Combined In-Situ Imaging and Granular Micromechanics Modeling Approach. Semi-Solid of Alloys and Composites XVI, Leoben, Austria. MOST 109-2222-E-002-005-MY3. 本人為第一作者、通訊作者. 本論文榮獲第十六屆合金與複合材料半固態製程國際會議最佳論文獎(S2P2021 Conference Best Paper Award).
3. Te-Cheng Su, Catherine O'Sullivan, Tomoya Nagira, Hideyuki Yasuda, Christopher M. Gourlay (2017, Jul). Exploring semi-solid deformation with the discrete element method and synchrotron radiography. *Solidification Processing 2017*, Old Windsor, UK. 本人為第一作者、通訊作者